

What is claimed is:

- 1 1. A stator for a motor comprising:
2 a core having a hollow portion and a plurality of tooth
3 portions protruding from the hollow portion in a radial
4 manner;
5 a plurality of insulators, corresponding to the tooth
6 portions, disposed around the corresponding tooth portion
7 respectively;
8 a plurality of windings, corresponding to the insulators,
9 disposed around the corresponding insulator respectively;
10 and
11 a plurality of back-iron portions surrounding the core
12 and contacting the insulators along a direction opposite to
13 the protruding direction of the tooth portions.
- 1 2. The stator as claimed in claim 1, wherein the
2 back-iron portions are connected with each other by welding.
- 1 3. The stator as claimed in claim 1, wherein the
2 back-iron portions are connected with each other by adhesion.
- 1 4. The stator as claimed in claim 1, wherein each of the
2 back-iron portions is provided with a recessed portion and
3 a projecting portion, whereby the back-iron portions are
4 connected with each other by the engagement between the
5 recessed portion and the projecting portion.
- 1 5. The stator as claimed in claim 1, further comprising:
2 a restricting portion surrounding the back-iron
3 portions so that the back-iron portions contact each other
4 around the core.
- 1 6. The stator as claimed in claim 1, wherein the core

2 is magnetic material.

1 7. The stator as claimed in claim 1, wherein the
2 back-iron portions are magnetic material.

1 8. A stator for a motor comprising:
2 a core having a hollow portion and a plurality of tooth
3 portions protruding from the hollow portion in a radial manner;
4 and
5 a plurality of back-iron portions surrounding the core
6 and contacting the tooth portions along a direction opposite
7 to the protruding direction of the tooth portions.

1 9. The stator as claimed in claim 8, wherein the
2 back-iron portions are connected with each other by welding.

1 10. The stator as claimed in claim 8, wherein the
2 back-iron portions are connected with each other by adhesion.

1 11. The stator as claimed in claim 8, wherein each of
2 the back-iron portions is provided with a recessed portion
3 and a projecting portion, whereby the back-iron portions are
4 connected with each other by the engagement between the
5 recessed portion and the projecting portion.

1 12. The stator as claimed in claim 8, further comprising:
2 a restricting portion surrounding the back-iron
3 portions so that the back-iron portions contact each other
4 around the core.

1 13. The stator as claimed in claim 8, wherein the core
2 is magnetic material.

1 14. The stator as claimed in claim 8, wherein the
2 back-iron portions are magnetic material.

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	